

18th Scientific Meeting of the Asian Association for the Study of Diabetes

一般演題

AASD Investigator Award Session

Thursday, May 21 Room 4 10F Conference Room 1001-1002

AASD Investigator Award Session

17:40~18:40

Chairs Medical Research Institute KITANO HOSPITAL, PIIF Tazuke-Kofukai Nobuya Inagaki
National Taiwan University Hospital Lee-Ming Chuang

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|------|--|---|
| IA-1 | sRAGE after SIIT is associated with beta-cell function and glycemic remission in newly diagnosed type 2 diabetes | The First Affiliated Hospital of Sun Yat-sen University QIMOU CHEN, et al. |
| IA-2 | Heat Stress and Social Vulnerability in Elderly Asians: Impacts on Glycemic Instability and Diabetes Destabilization | Telkom University Aminatus Saadah |
| IA-3 | A non-invasive serum metabolite signature for visceral adipocyte hypertrophy and its association with glucose metabolism | Shanghai Sixth People's Hospital Tingting Hu, et al. |
| IA-4 | Comparison of Oral and Subcutaneous Semaglutide in Japanese with Type 2 Diabetes: Clinical Features and Effects on MASLD | Department of Hematology, Endocrinology and Metabolism,
Tokushima University Graduate School of Biomedical Sciences Tomoyo Hara, et al. |
| IA-5 | Kidney and Heart Failure Outcomes of Sodium-Glucose Cotransporter 2 Inhibitors in Kidney Transplant Recipients | Samsung Medical Center Ji Yoon Kim, et al. |

18th Scientific Meeting of the Asian Association for the Study of Diabetes

一般演題 Oral

Thursday, May 21 Room 5 10F Conference Room 1008

Oral 1

Type 2 diabetes: etiology/pathophysiology/genetics 1 8:30~9:20

Chairs Department of Metabolic Medicine, Osaka University Graduate School of Medicine **Megu Baden**
The Catholic University of Korea **Eun Young Lee**

- A-01-1 Impact of Lifestyle Habits on Diabetes Onset in the Shizuoka Prefecture Population, Japan
University of Shizuoka **Emmanuele Dutra da Silva Andrade, et al.**
- A-01-2 Withdrawn
- A-01-3 Type 2 Diabetes Downregulates AR-ER alpha-miR-18a Signaling and Alters Gonadal Hormones in Prostate Adenocarcinoma
IPGME&R and SSKM Hospital **Piyali Jati, et al.**
- A-01-4 Low serum 1,5-anhydroglucitol predicts higher risk of mortality in type 2 diabetes: a real-world cohort study
Department of Endocrinology and Metabolism,
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Jiaying Ni, et al.**
- A-01-5 Higher Serum Albumin Reflects Metabolic Status and Predicts Incident Type 2 Diabetes in Japanese
Graduate School of Medicine, Osaka Metropolitan University **Hideo Miyagawa, et al.**

Oral 2

Diabetes in elderly 1 9:30~10:20

Chairs Japan Organization of Occupational Health and Safety CHUBU ROSAI HOSPITAL **Nigishi Hotta**
National Taiwan University Hospital **Wei-Shiung Yang**

- A-02-1 Effect of glycemic management on functional impairment in elderly individuals with diabetes
Department of Endocrinology and Metabolism,
School of Medical Sciences, University of Fukui **Kohei Ueda, et al.**
- A-02-2 Real-World Risk Factors for SGLT2 Inhibitor-Specific Adverse Events in Patients Aged >75 Years
University of Miyazaki **Taisuke Uchida, et al.**
- A-02-3 Transforming Elderly Diabetes Education Through Occupation: Preliminary Outcomes of the WeCare Program
Ministry of Health Malaysia /
School of Health Sciences,
Universiti Sains Malaysia **TENGGU MOHD ASRI TENGGU MAKHTAR, et al.**
- A-02-4 The secreted metabolite sensor CtBP2 links metabolism to healthy lifespan
University of Tsukuba **Motohiro Sekiya**

- A-02-5 Adiponectin and progression of Cardiovascular-Kidney-Metabolic Syndrome: a longitudinal cohort analysis

Department of Endocrinology and Metabolism,
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine /
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine,
Shanghai Diabetes Institute, Shanghai Clinical Center for Diabetes,
Shanghai Key Laboratory of Diabetes Mellitus, Institute for Proactive Healthcare

Di Cheng, et al.

Oral 3

Type 1 diabetes: etiology/pathophysiology/genetics 10 : 30~11 : 20

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| Chairs | Toranomon Hospital, Tokyo | Takayasu Uchida |
| National Clinical Research Center for Endocrine and Metabolic Diseases, Key Laboratory of Diabetes Immunology (Central South University), Ministry of Education, and Department of Metabolism and Endocrinology, The Second Xiangya Hospital of Central South University | | Zhiguang Zhou |
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- A-03-1 β -cell-specific virus receptor-positive Stat2 knockout mice develop diabetes following coxsackie B virus infection
Division of Hepatology, Diabetes and Endocrinology, Department of Internal Medicine, Faculty of Medicine, Saga University **Rasheda Perveen, et al.**
- A-03-2 Characterizing GLP1R/GLP1R expression in human iPSC-derived beta-like cells (sBCs) for cell therapy applications
University of Oxford, Oxford Center for Diabetes, Endocrinology and Metabolism / Novo Nordisk Research Center Oxford (NNRCO) **Ali H Shilleh, et al.**
- A-03-3 Transcriptomic profiling reveals Nupr1 as a potential regulator of β -cell aging
Laboratory of Diabetes and Metabolic Disorders, Institute for Molecular and Cellular Regulation (IMCR), Gunma University **Esther Ong Yajima, et al.**
- A-03-4 Glucose-induced Pdyn expression limits β -cell growth through opioid receptor signaling
Laboratory of Diabetes and Metabolic Disorders, Institute for Molecular and Cellular Regulation (IMCR), Gunma University **Meng Zou, et al.**
- A-03-5 Mathematical-Single-Cell Modeling Identifies Regulatory Barriers to Functional Maturation in Stem-Cell-Derived β Cells
IMCDS-BioMed Research Foundation **Prihantini Prihantini, et al.**

Oral 4

Biology of adipocytes 15 : 30~16 : 20

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|---|------------------------|-----------------|
| Chairs | Nagoya City University | Tomohiro Tanaka |
| Department of Endocrinology and Metabolism, National Taiwan University Hospital | | Yi-Cheng Chang |
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- A-04-1 Adss1 Regulates HDAC3 Localization to Promote Adipose Re-esterification Beyond Its Canonical Role in Purine Synthesis
Shanghai Diabetes Institute, Shanghai Clinical Center for Diabetes, Shanghai Key Laboratory of Diabetes Mellitus, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Jing jing Sun, et al.**
- A-04-2 Hematopoietic DPP-4 deficiency promotes M2 macrophage polarization and attenuates atherosclerosis
Department of Medical Technology, Faculty of Health Sciences, Kumamoto Health Science University **Takeshi Matsumura, et al.**
- A-04-3 Deep Reinforcement Learning-Driven Optimization of Lifestyle-Drug Sequences for Obesity-Related Insulin Resistance
IMCDS-BioMed Research Foundation **Prihantini Prihantini, et al.**
- A-04-4 Fibulin-7 in progenitor cells promotes adipose tissue fibrosis and disrupts metabolic homeostasis in obesity
Shanghai sixth people's hospital **Hairong Yu, et al.**

- A-04-5 OPA1 governs adipose progenitor cell proliferation and metabolic regulation via a Ca²⁺/mechanical force/glycolysis axis
Shanghai Sixth People's Hospital **Yuxin Shu, et al.**

Oral 5

Nephropathy 1 16 : 30~17 : 20

Chairs Faculty of Medicine, Shimane University **Keizo Kanasaki**
Yonsei University College of Medicine **Yong-Ho Lee**

- A-05-1 Fam172a Orchestrates Tubular EMT in Diabetic Kidney Disease by Blocking AMPK/FOXO3-Dependent Autophagy
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Shuting Xie, et al.**
- A-05-2 Eepd1 Deficiency Drives Diabetic Kidney Disease Progression via Amplified Genotoxic Stress and Attenuation of Ehhadh
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Qian Zhou, et al.**
- A-05-3 Glycogen accumulation in diabetic kidney can lead to DKD progression in CD1^{db/db} mice.
Shimane University Faculty of Medicine Internal Medicine 1 **Md. Imrul Kayes, et al.**
- A-05-4 6-Gingerol from Ginger (*Zingiber officinale*) as a Potential Multifunctional Agent for Renoprotection and Antidiabetic
Republic of Indonesia Defense University **Hazel Fairuz Shidqi, et al.**
- A-05-5 Association between Glucose Levels during OGTT and Serum Syndecan-1, a Biomarker of Endothelial Glycocalyx Injury
Department of Metabolism, Endocrinology and Molecular Medicine,
Osaka Metropolitan University Graduate School of Medicine **Yoshinori Kakutani, et al.**

Oral 6

Diabetes education and advocacy 17 : 30~18 : 30

Chairs Department of Endocrinology and Metabolism, Hirakata Kohsai Hospital **Nagaaki Tanaka**
Mongolian National University of Medical Sciences **Altaisaikhan Khasag**

- A-06-1 Impact of Role-Playing Seminars on Medical Staff Communication in Diabetes Care
Sanno Hospital **Miyako Kishimoto, et al.**
- A-06-2 Medical-Dental Collaboration in Diabetes: Use of the Collaboration Notebook
Ystavia Medical Corporation, Tama Center Mirai-Clinic **Mirei Mitsugi, et al.**
- A-06-3 Implementation of an Interactive Session to Raise Awareness of Diabetes Stigma among Nurses
Imbe clinic **Tomomi Tanaka, et al.**
- A-06-4 Psychological Burden, Insulin Competency and Adherence: A Randomized Trial of the ITEI Model in Type 2 Diabetes
Universiti Sultan Zainal Abidin (UNISZA) **NUR SHAZWANIZA YAHYA, et al.**
- A-06-5 Diabetes Attitudes Mediate Link Between Knowledge & Prevention Among Filipino College Students
Angeles University Foundation **Sofia Alexis Manalo Dayrit, et al.**
- A-06-6 Association Between Empathy and Awareness of Diabetes Stigma Among Medical Students and Residents
Department of Diabetes, Endocrinology and Nutrition, Graduate School of Medicine,
Kyoto University **Mari Matsushiro, et al.**

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Oral 7

Basic research involving culture cells and animals 8 : 30~9 : 10

Chairs

Kyoto University

Takaaki Murakami

Yeungnam University College of Medicine

Kyuchang Won

- A-07-1 OPA1 sustains the anti-inflammatory properties of M2 Macrophages and promotes metabolic homeostasis
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine /
Shanghai Diabetes Institute / Shanghai Key Laboratory of Diabetes Mellitus /
Shanghai Clinical Center for Diabetes **Daixi Wang, et al.**
- A-07-2 miR-494 deletion acts as an exercise mimetic to enhance muscle mitochondrial function and improve metabolic health
Shiga University of Medical Science **Lucia Sugawara, et al.**
- A-07-3 Withdrawn
- A-07-4 Withdrawn

Oral 8

Diabetes in elderly 2 9 : 20~10 : 10

Chairs

Japanese Red Cross Wakayama Medical Center

Shizuka Kaneko

Kyoto University

Takaaki Murakami

- A-08-1 Temperature Extremes and Muscle Metabolic Decline: Projecting Sarcopenia Risk in Aging Adults With Type 2 Diabetes
Faculty of Medicine, Hasanuddin University **Lutfiah Lutfiah**
- A-08-2 Effectiveness of Luseogliflozin with Amino Acid Supplement and Exercise in Older Type 2 Diabetes: BALLAST study
Department of Diabetes, Endocrinology and Metabolism/
Department of Rheumatology and Clinical Immunology,
Gifu University Graduate School of Medicine /
Department of Diabetes and Endocrinology/Diabetes Center,
Matsunami General Hospital **Yoshihiro Takahashi, et al.**
- A-08-3 Association of BMI TTR with all-cause and cardiovascular mortality in adults with type 2 diabetes
Shanghai Sixth People's Hospital **Yuqian Bao, et al.**
- A-08-4 The association between diabetes or prediabetes and grip strength in senior Japanese
Laboratory of Clinical Nutrition, University of Shizuoka **Yuichiro Obana, et al.**
- A-08-5 Metformin and Cognition: Observational Findings from the Study of Latinos-Investigation of Neurocognitive Aging
University of California San Diego **Natasha Z. Anita, et al.**

Oral 9

Lipid metabolism 1 10 : 20~11 : 10

Chairs

National Hospital Organization Kagoshima Medical Center Yoshihiko Nishio

Department of Internal Medicine, College of Medicine, National Taiwan University Hung-Yuan Li

- A – 09 – 1 Bioinformatics-Driven Multi-Omics Identifies Thermogenic Adipocyte Failure as an Early Driver of Dysglycemia
Nextgen Biology And Health Equity Research Network **Rini Winarti**
- A – 09 – 2 GPSM1 loss maintains the CD73+CD103+ Treg subset to promote adipose thermogenesis and counteract metabolic deterioration
Shanghai Diabetes Institute / Shanghai Key Laboratory of Diabetes Mellitus /
Shanghai Clinical Center for Diabetes /
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Xiaorui Lyu, et al.**
- A – 09 – 3 Targeting the Dlat-Trpv3 axis with hyperforin promotes non-canonical adipose thermogenesis for obesity treatment
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Suzhen Chen, et al.**
- A – 09 – 4 Degradation of UCP1 by TRIB2 regulates thermogenesis and fat accumulation: Human migration adaptation to temperature
Graduate Institute of Medical Genomics and Proteomics, National Taiwan University **Yi-cheng Chang, et al.**
- A – 09 – 5 Insulin Signaling Through FoxK1/K2 Regulates Energy Balance in Brown Adipose Tissue
Department of Metabolic Medicine, Faculty of Life Sciences, Kumamoto University **Yuma Okubo, et al.**

Oral 10

Prediabetes, obesity, metabolic syndrome 1 15 : 30~16 : 10

Chairs

Yamaguchi University

Yukio Tanizawa

THEPTARIN Diabetes, Thyroid and Endocrine Center, Vimut-Theptarin Hospital **Waralee Chatchomchuan**

- A – 010 – 1 Deep Learning-Based Body Composition Phenotyping Predicts MASLD/MASH Risk: A 4.6-Year Follow-up Prospective Cohort Study
Department of Endocrinology and Metabolism,
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine,
Shanghai Diabetes Institute, Shanghai Key Laboratory of Diabetes Mellitus **Hongli Chen, et al.**
- A – 010 – 2 Visceral Adiposity is a Predictor of Incident Metabolic Syndrome in Japanese Independent of Liver Fat
Graduate School of Medicine, Osaka Metropolitan University **Kyoko Kogawa Sato, et al.**
- A – 010 – 3 Tirzepatide reduces not only hepatic fat content and abdominal fat area but also the L3 skeletal muscle index
Division of Diabetes and Endocrinology, Department of Internal Medicine,
Japan Community Health Care Organization Tokyo Yamate Medical Center **Akihisa Hidaka, et al.**
- A – 010 – 4 Randomized Phase 3 trial of once-weekly semaglutide vs active control in Indian adults with obesity: efficacy and safety
Alkem Laboratories **Mayur Mayabhate, et al.**

Oral 11

Continuous glucose monitoring 16 : 20~17 : 10

Chairs Kindai University Faculty of Medicine Shinsuke Noso
Yonsei University College of Medicine Bong-Soo Cha

- A-O11-1 Withdrawn
- A-O11-2 CGM-Based Glucose Prediction in Prediabetes via a CrossDomain Time-Series Foundation Model
University of Pavia / The University of Tokyo **Gabriele Santangelo, et al.**
- A-O11-3 Improvement in Glycemic Control with Dexcom CGM Use in Adults with Type 2 Diabetes on Intensive Insulin Therapy in Japan
Dexcom, Inc. **James Tomlin, et al.**
- A-O11-4 Hypoglycemia Problem-Solving Ability Predicts Severe Hypoglycemia: A Machine Learning Study in Type 1 Diabetes
National Hospital Organization Kyoto Medical Center **Naoki Sakane, et al.**
- A-O11-5 Glycemic Variability and Diabetic Macroangiopathy: Effect Modification by Haptoglobin Genotype
Department of Endocrinology and Metabolism,
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Zixuan Deng, et al.**

Oral 12

Organ networks in the regulation of systemic homeostasis 17 : 20~18 : 10

Chairs National Center for Geriatrics and Gerontology Noriko Satoh-Asahara
SEOUL NATIONAL UNIVERSITY Sunghee Choi

- A-O12-1 Mimecan regulates mammalian aging and longevity by maintaining the hypothalamus-brown adipose tissue communication
Washington University in St.Louis **Kentaro Mori, et al.**
- A-O12-2 Obesity disrupts CtBP2-mediated maintenance of the transcriptional equilibrium in hypothalamic feeding circuitry
Department of Endocrinology and Metabolism, Institute of Medicine, University of Tsukuba **Wanpei Chen, et al.**
- A-O12-3 Target Gbr subunits in hypothalamic AgRP neurons to treat obesity
Shanghai Jiao Tong University School of Medicine **Ye Xuan, et al.**
- A-O12-4 GPSM1 orchestrates systemic metabolic homeostasis through gut Th17 cells to shape the microbiota and barrier function
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Yanli Hua, et al.**
- A-O12-5 Prebiotic combination of sucrose and acarbose prevents diet-induced obesity via the gut microbiota-incretin axis
Department of Medical Physiology, Graduate School of Medicine, Chiba University **Hayato Yoshikawa, et al.**

Thursday, May 21 Room 7 10F Conference Room 1007

Oral 13

Pharmacological treatment: SGLT2 inhibitors 8 : 30~9 : 20

Chairs Tokyo Metropolitan Institute for Geriatrics and Gerontology Atsushi Araki

Naniwa Hospital Akio Kuroda

- A – O13 – 1 Dapagliflozin Improves Corneal Nerve Integrity via Netrin-1/miR146a/miR27a and AGE-RAGE-Inflammation Pathway in Diabetes
Institute of Post Graduate Medical Education & Research **Asif Mondal, et al.**
- A – O13 – 2 SGLT2 inhibitor and Prognosis in Patients with Cancer and Diabetes: A Multicenter Retrospective Cohort in Osaka, Japan
Osaka International Cancer Institute **Yoshihiro Kuwabara, et al.**
- A – O13 – 3 Longitudinal Hemoglobin Increase and Lower Anemia Therapy Initiation With SGLT2 Inhibitors: Comparison With GLP-1 RAs
Department of Pharmacy, International University of Health and welfare Hospital **Yuki Yoshida, et al.**
- A – O13 – 4 Contrasting renal trajectories with SGLT2 inhibitor monotherapy and SGLT2+GLP-1: evaluation of 5-year eGFR slopes
IITAKE Internal Medicine clinic **Chie Iitake, et al.**
- A – O13 – 5 Myocardial Triglycerides Across Cardiovascular-Kidney-Metabolic Stages Assessed by MR Spectroscopy
Department of Cardiovascular – Kidney - Metabolic Medicine, Sapporo Medical University **Kei Nakata, et al.**

Oral 14

Clinical research, epidemiological surveys 9 : 30~10 : 20

Chairs

Wakayama Rosai Hospital Kishio Nanjo

Department of Hematology, Endocrinology and Metabolism, Niigata University Faculty of Medicine Hirohito Sone

- A – O14 – 1 Smoking and alcohol use amplified association of low-birthweight with insulin resistance in a high-risk Chinese cohort
Department of Medicine and Therapeutics, Faculty of Medicine,
the Chinese University of Hong Kong **Chun Kwan O, et al.**
- A – O14 – 2 Life-Course Social Mobility, Informal Work, and Incident Diabetes in Indonesia: A 25-Year Panel Analysis Using IFLS
Hasanuddin University **Mariani Mariani**
- A – O14 – 3 Prevalence of diabetic retinopathy and chronic kidney disease multimorbidity in diabetes: the China DiaChronic Study
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Weiping Jia, et al.**
- A – O14 – 4 Current Status of the Japan REGistry for rARE Diseases associated with Diabetes Mellitus (J-REGARD-DM)
Division of Diabetes and Endocrinology, Department of Internal Medicine,
Kobe University Graduate School of Medicine **Kai Yoshimura, et al.**
- A – O14 – 5 Unmet challenges in Mongolia's Diabetes Health Care
Mongolian National University of Medical Sciences **Altaiasikhan Khasag**

Oral 15

Machine learning in diabetes research 10 : 30~11 : 20

Chairs

Japan Institute for Health Security Ryotaro Bouchi

Department of Diabetes, Endocrinology and Nutrition, Kyoto University Hospital Kaori Ikeda

- A - O15 - 1 Machine Learning Prediction of Diabetes Risk Using Sociodemographic Factors and KAP Among College Students
Angeles University Foundation **Sofia Alexis Manalo Dayrit, et al.**
- A - O15 - 2 Withdrawn
- A - O15 - 3 Deep Reinforcement Learning Optimizes 10-Year, Province-Specific Diabetes-Prevention Portfolios Across Asia
IMCDS-BioMed Research Foundation **Rifaldy Fajar, et al.**
- A - O15 - 4 Data-Mining-Driven Endotype Discovery to Predict Treatment Response in Painful Diabetic Neuropathy
Nextgen Biology And Health Equity Research Network **Rini Winarti**
- A - O15 - 5 AI-Derived Multi-Organ Network Signatures Predict Early Dysglycemia Across Liver, Adipose, and Muscle Axes
IMCDS-BioMed Research Foundation **Rifaldy Fajar, et al.**

Oral 16

Type 2 diabetes 17 : 20~18 : 10

Chairs Department of Endocrinology, Metabolism, and Nephrology, Kochi Medical School, Kochi University Shimpei Fujimoto

Kazakh Society for Study of Diabetes Zhanay A Akanov

- A - O16 - 1 Key Challenges in Nurse-Led Diabetic Foot Care Education: Findings from a Six-Country Survey
Nagoya University **Yu Liu, et al.**
- A - O16 - 2 Withdrawn
- A - O16 - 3 Insights From a Qualitative Study: Subjective Impact of In-Patient Glycemic Management and Self-care Education Program.
Fujita Health University **Ayako Tanaka, et al.**
- A - O16 - 4 Discontinuation and Non-publication of Diabetes Mellitus Clinical Studies: A Cross-Sectional Analysis
Faculty of Medicine Benha University **Yousef Radwan Alnomani, et al.**
- A - O16 - 5 Telemedicine Enhances Adherence and Glycemic Control in Type 2 Diabetes: A 2020-2025 Claims Based Study from Japan
Pelita Harapan University **Ryan Christopher Harliman, et al.**

Oral 17

Lipid metabolism 2 18 : 10~18 : 50

Chairs

Department of Metabolic Medicine, The University of Osaka Graduate School of Medicine Shugo Sasaki

The Chinese University of Hong Kong Andrea Luk

- A - O17 - 1 Efficacy and safety of prolonged treatment with pemafibrate and statin in Japanese patients with type 2 diabetes
Apollon Nagoya Exercise Therapy Center for Diabetes, Akishima Clinic **Masataka Kusunoki, et al.**

- A-O17-2 Effect of pemafibrate XR on daytime triglyceride levels in patients with type 2 diabetes and hypertriglyceridemia
Minami Osaka Hospital **Yuriko Hajika, et al.**
- A-O17-3 Withdrawn
- A-O17-4 A Novel Gene Therapy for NAFLD: AAV8-F7 mut Selectively modulates PPARG to Ameliorate Steatosis
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Quanxin Jiang, et al.**

Friday, May 22 Room 5 10F Conference Room 1008

Oral 18

Type 2 diabetes: etiology/pathophysiology/genetics 2 8 : 40~9 : 30

Chairs Institute for Molecular and Cellular Regulation (IMCR), Gunma University **Jun Shirakawa**
Catholic University of Korea **Joonyub Lee**

- A-O18-1 Withdrawn
- A-O18-2 Physical Fitness Components in Relation to Incident Type 2 Diabetes: A 13-Year Prospective Cohort Study
Graduate School of Medicine, Osaka Metropolitan University **Mikiko Shibata, et al.**
- A-O18-3 Scavenging Circulating Mitochondrial DNA with Nanomaterial Suppresses Inflammation and Fibrosis in DKD
Department of Endocrinology,
Shuguang Hospital Affiliated to Shanghai University of Traditional Chinese Medicine, Shanghai **Yangyang Li, et al.**
- A-O18-4 Joint associations of inflammation, cholesterol, and lipoprotein(a) with cardiovascular events in diabetes
Tulane University **Lu Qi**
- A-O18-5 Withdrawn

Oral 19

Young-onset diabetes and diabetes remission 9 : 40~10 : 20

Chairs Department of Endocrinology, Diabetes and Metabolism,
Fujita Health University School of Medicine, Toyoake **Takuya Haraguchi**
Department of Endocrinology, The Second Hospital of Jilin University, Jilin **Limei Liu**

- A-O19-1 Differential Microvascular Profiles and Risk Factors in Young vs Adult-Onset Type 2 Diabetes: Indonesian Data
Endocrinology, Metabolism, and Diabetes Division, Department of Internal Medicine,
Faculty of Medicine Universitas Indonesia - Cipto Mangunkusumo General Hospital /
Clinical Research Unit, Cipto Mangunkusumo General Hospital **Ardy Wildan, et al.**
- A-O19-2 Android to Gynoid Fat Ratio for MODY: Genetic and body composition analysis in antibody-negative young diabetes
Institute of postgraduate medical education and research **Biswajit Payra, et al.**
- A-O19-3 Blautia genus is positively associated with type 2 diabetes remission in the Japanese population
Hirosaki University Graduate School of Medicine /
Human Health Care Products Research Laboratories, Kao Corporation **Keita Kinoshita, et al.**

- A – O19 – 4 Effects of Remission of Diabetes or Hypertension on Peripheral arterial disease: Historical cohort study
Department of Hematology, Endocrinology and Metabolism, Faculty of Medicine,
Niigata University **Khin Lay Mon, et al.**

Oral 20

Prediabetes, obesity, metabolic syndrome 2 10 : 30~11 : 10

Chairs Department of Diabetes, Endocrinology and Metabolism, Gifu University Hospital, Gifu **Takehiro Kato**
Peking University People's Hospital **Xiantong Zou**

- A – O20 – 1 Association Between the Age at Lifetime Heaviest Weight and Mortality in Patients With Type 2 Diabetes Mellitus
Department of Gastroenterology and Metabolism,
Ehime University Graduate School of Medicine **Yoshimasa Murakami, et al.**
- A – O20 – 2 EASO-Aligned Obesity Definition Enhances Cardiometabolic Risk Prediction in a Taiwanese Cohort
National Taiwan University Hospital **I Weng Yen, et al.**
- A – O20 – 3 Association Between Waist Circumference and the Risk of Obesity-Related Disorders in the Elderly
Endocrinology and Metabolism, Nagasaki University Hospital **Ai Haraguchi, et al.**
- A – O20 – 4 Adiposity Phenotypes by BMI/Waist Circumference and Metabolic Control in Chinese Adults with Diabetes: A National Study
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine /
Shanghai Clinical Center for Diabetes / Shanghai Diabetes Institute /
Shanghai Key Laboratory of Diabetes Mellitus /
Shanghai Jiao Tong University School of Medicine **Cheng Chen, et al.**

Oral 21

Incretin receptor agonists 14 : 10~15 : 00

Chairs Department of Endocrinology and Metabolism, School of Medical Sciences, University of Fukui **Norio Harada**
Seoul National University College of Medicine **Young Min Cho**

- A – O21 – 1 Real World Persistence, Switching, and Mortality Benefits of SGLT2i and GLP-1RA in Japanese Adults With Type 2 Diabetes
Pelita Harapan University **Ryan Christopher Harliman, et al.**
- A – O21 – 2 Phase 3 trial evaluating efficacy and safety of semaglutide in Indian Type 2 diabetes patients uncontrolled on metformin
Alkem Laboratories Ltd **Mayur Mayabhate, et al.**
- A – O21 – 3 Effects of Tirzepatide on treatment outcomes and changes in eating behavior patterns in individuals with Type 2 Diabetes
Department of Diabetes, Endocrinology and Metabolism/Rheumatology and Clinical Immunology,
Gifu University Graduate School of Medicine / Department of Diabetes,
Endocrinology and Metabolism, Graduate School of Medicine, Gifu University **Seiya Banno, et al.**
- A – O21 – 4 GLP-1 Receptor Agonists and Prevention of Chronic Kidney Disease in Type 2 Diabetes: Multicenter Emulated Target Trials
Taipei Veterans General Hospital **FU SHUN KO, et al.**
- A – O21 – 5 Evaluation of Glomerular and Tubular Kidney Function in a Multicenter Study of Tirzepatide [KDDS29]
Gendai Clinic **Gendai Lee, et al.**

Oral 22

Clinical laboratory tests/SMBG/CGM/i-CGM 15 : 05~16 : 05

Chairs Hirosaki University Graduate School of Medicine / Kuroishi General Hospital Yuki Matsuhashi
Department of Medicine, University of Hong Kong Kathryn Tan

- A - O22 - 1 Accuracy, Safety, and Usability of A Real-Time Continuous Glucose Monitoring System in Pediatric Diabetes
Shenzhen SiBionics Technology Co. Ltd. **Yifei Mo, et al.**
- A - O22 - 2 Evaluation of Accuracy and Safety of a Novel Real-Time Continuous Glucose Monitoring (CGM) in Adults with Diabetes
Department of Endocrinology, First Affiliated Hospital and Clinical Medicine College, Henan University of Science and Technology **Peng Liu, et al.**
- A - O22 - 3 Glycemic Characteristics of Insulin-Treated Pregnant Women with Preexisting Diabetes in China Using OTC CGM
Shanghai Sixth People's Hospital **Li Cao, et al.**
- A - O22 - 4 Glycemic Variability Links Time in Range and Time in Tight Range in Over 200,000 Real-World CGM Users with Diabetes
Department of Endocrinology and Metabolism, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Yuan Yao, et al.**
- A - O22 - 5 Association between time in tight range and incident diabetic retinopathy in adults with type 2 diabetes
Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University School of Medicine **Yaxin Wang, et al.**
- A - O22 - 6 Study on the Efficacy and Safety of Insulin Icodec
TDE Healthcare Corporation TOSAKI Clinic for Diabetes and Endocrinology **Takahiro Tosaki, et al.**

Friday, May 22 Room 7 10F Conference Room 1007

Oral 23

Gestational diabetes and other type of diabetes 8 : 40~9 : 30

Chairs Division of Diabetes and Endocrinology, Department of Internal Medicine, Kobe University Graduate School of Medicine Yushi Hirota
Seoul National University Hospital Soo Heon Kwak

- A - O23 - 1 Low-Carbohydrate Diet May Be Effective for Type 2 Diabetes: Sub-Analysis of a 10-Year Interventional Cohort Study
Kitasato University, Kitasato Institute Hospital **Satoru Yamada, et al.**
- A - O23 - 2 Glycemic and metabolic differences between Type 2 diabetes and Type 1 diabetes mellitus: A meta-analysis
Bali International Hospital **I Gusti Ngurah Bagus Rai Mulya Hartawan, et al.**
- A - O23 - 3 Withdrawn
- A - O23 - 4 Withdrawn
- A - O23 - 5 Mathematical Modeling of Placenta-Fetus Epigenetic Programming Under Gestational Diabetes and Lifelong Metabolic Risk
IMCDS-BioMed Research Foundation **Rifaldy Fajar, et al.**

Oral 24

Nephropathy 2

9 : 35~10 : 25

Chairs

Department of Diabetes and Metabolic Diseases, The University of Tokyo Hospital

Ken Suzuki

The Chinese University of Hong Kong Ronald Ching Wan Ma

- A - O24 - 1 Early posttransplant GLP-1 agonistic intervention and graft kidney function in transplant recipients
Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital **Tetsuhiko Sato, et al.**
- A - O24 - 2 Mendelian Randomization Identifies EHHADH as a Protective Mitochondrial Gene in Diabetic Nephropathy and Retinopathy
West China Hospital, Sichuan University **Lei Chen, et al.**
- A - O24 - 3 Finerenone in Diabetic-Kidney Disease, True Result Renal and Cardiovascular Outcome: A Meta-Analysis
Faculty of Medicine and Health Sciences, Universitas Bangka Belitung, Pangkalpinang, Bangka Belitung **Felicita Gracia, et al.**
- A - O24 - 4 Withdrawn
- A - O24 - 5 Predicting Long-term Kidney Function in Type 2 Diabetes Using Machine Learning and Baseline Health Information
Department of Diabetic Complications, Diabetes Research Center, National Institute of Global Health and Medicine, Japan Institute for Health Security **Hiroyuki Unoki-Kubota, et al.**

Oral 25

Tumor

10 : 30~11 : 30

Chairs

Juntendo University Shizuoka Hospital

Takashi Nomiya

School of Medicine, National Taiwan University College of Medicine

Tien-Jyun Chang

- A - O25 - 1 Coexisting multiple insulinomas and nesidioblastosis evaluated by [18F]FB(ePEG12)12-exendin-4 PET/CT
Department of Diabetes, Endocrinology, and Nutrition, Graduate School of Medicine, Kyoto University **Hayao Yoshida, et al.**
- A - O25 - 2 Specificity of Noninvasive [¹⁸F]-FB(ePEG12)12-exendin-4 Imaging for Postoperative Follow-up of Insulinoma: A Case Report
Department of Diabetes, Endocrinology and Nutrition, Kyoto University Graduate School of Medicine **Daisuke Otani, et al.**
- A - O25 - 3 Association between ezetimibe and the risk of cancer in patients with type 2 diabetes
Department of Internal Medicine, Inha University College of Medicine **So Hun Kim, et al.**
- A - O25 - 4 Diabetes Status and Risk of Hepatocellular Carcinoma: A Nationwide Cohort Study in Korea
Division of Endocrinology and Metabolism, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea **Jaekyung Lee, et al.**
- A - O25 - 5 Association of Obesity with the Clinicopathological Characteristics of Thyroid cancer in Mongolia
National Cancer Center of Mongolia **Javzanpagma Tsogbadrakh, et al.**
- A - O25 - 6 Endogenous Hyperinsulinemic Hypoglycemia Revealing a Pancreatic Insulinoma: A Rare Case with Successful Surgical Cure
National Cancer Center of Mongolia **Javzanpagma Tsogbadrakh, et al.**